# Tarboro', Edgecombe County, (N. C.) Saturday, April 3, 1852. Whole No. 14.

THE SOUTHERNER, GEO. HOWARD, Jr., Editor & Proprietor. TERMS-PER ANNUM. If paid within two months, Otherwise,

crance

scriber

boy

out 19

lexion

inches

lurk.

10'. 1

to any

bring

ny jail

e here.

or em.

enalty.

ims.

House

ann, 33

rnitum

ansient

c best

easant-

mswill

Board.

as she

rango.

r com-

ated to

ntent

for the

v boar.

's

and

ce has

eously

regeta

c cure,

urable

these

ht fill

nd tes-

ticles

vholly

eadily

of to

e use

umors

also !

erres

ce, the

vorms

ch and

nent

orses

disea

of all

bones

Swee

, found

ches.

e had

neipal

Jnited

tail,

York

or the

Reno

RATES OF ADVERTISING: One square first insertion, each insertion afterwards, 0 25 Cards, a year, Yearly advertisements by contract.

## AGRICULTURAL.



Mr. Agriculture is the chief foundation of a nation's priver, s it not only furnishes man with food and clothing, but also with materials for the mechanic "te and commerce."

From the Raleigh Star.

## gricultaral improvement in Edgecombe,

INTERESTING TO FARMERS. from Jesse H. Powell, Esq., of Edgecombe county, to Maj. Charles L. Hinton, of Wake county, dated

Battleboro', Edgecombe co., } March 12, 1852.

Having a little leisure, and believing this? hat you and others in the upper counerly quite poor, is now producing 200lbs seed cotton to the acre, and one rmer has averaged over a bale (400lbs) the acre-his crop, seventy odd bags. ramp mud, fence scrapings, ditch nk, ashes, stable manure, and their rplus cotton seed, are the materials

"Having committed some errors and proved by experience, though only a dium farmer, permit me to submit present plans of operation in immuch further. The land intended to manured is first staked off seventy ds apart, which puts it in acre lots. the centre of this I begin my heap; de level with the hoe, on which is (measured) 8 or 10 bushels of cotseed, and spread regularly over. I put on 17 or 18 loads more of ck (diminishing the number of loads raise the heap) which is followed 12 or 15 bushels stable manurctinuing in this way until the heap is shed, generally having two layers of d and two of manure—the whole to cap'd off with 10 or 12 bushels uned ashes. The whole pile, when shed, is not more than 30 or 36 inchir out, thereby saving much labor. tation economy which I practice. refer putting in several kinds of ma-

-I have reserved some cotton seed to demonstrates. property from escaping. I am at this afford.

ticularly) as well as it should be.

"Other changes besides improvement | We commence first with the quarter er fires, even the past dry season. We are permitted to make the fol. in the lands have taken place: emigra-that is to be planted in cotton, upon the In the fall & winter after the fields are owing interesting extract of a letter tion has ceased to flow from our county, supposition that it lay last year in falleaten out by the stock, we prepare and

ear. A great deal of this Land, fer- happiness. Very respectfully yours, JESSE H. POWELL."

The following memorandum accompanies the letter. It shows the progress of improvement on Mr. Bulluck's farm during three years. The last year, it be so stupid as to say "there is no adhave led Mr. Bulluck to make enough the land is very poor, and the larger in a single crop for a small capital to day is dawning.

MEMORANDUM.

"18 to 20 hands-3 men-the bal ance women and children. 1849

18501851 50 bales. 61 bales. 98 bales. D. W. BULLUCK."

From the Alabama Beacon.

Col. I. Croom-Dear Sir:-At your high. The advantage in having the request I have written out hastily and so large for the height is in order send you, the subjoined brief account of drive up the mules on the heap and my experiments and the system of plan-

It may not be amiss that I premise e in the heap. The one containing by the remark, that I was raised till 21 tilizing properties that the other does a practical plowman. A short time afan acre. Some of the heaps are in the practice of medicine, I became ly carts are made to hold, when States of this Union, were destined to in cotton 50 years hence, than 500 lbs. stock lots are matters of the first imporped, about 6 bushels. This pre- furnish the cotton, which civilization in now is to the acre. ts overloading and renders the ap- its rapid marches was rendering necessa- The next crop is the corn, which fol- planter; and they should be judiciously cation on land more regular. If I ry to clothe the hundreds of millions of lows the cotton—and here we vary the located and fixed permanently—each vah to use manure on corn, the shov- the inhabitants of the earth. We all rule in practice, but not in point of prin- riety to themselves, and the lots regufull that are required to fill the cart believe, I think, that there is a day in ciple—corn being an article of perma-larly and well littered with pine straw carefully counted, and the load drop- the future, that if to bring peace and nent importance on a cotton plantation; or oak leaves and other litter from the accordingly-shovel full to the hill, good will to all men-and when that we plant the cotton land (that was in forest, with all the straw from your the grain of corn. This will work day arrives every man, woman and cotton last year) to corn, at the same exactly, neither too much nor too child will require a cotton shirt! and it rate of 5 acres per hand—and 21 acres is very evident to any person at all, who for each hand from the land that was in The improvement now going on in may or has given the subject any atten- corn last year, making in all 71 acres of county, is greater than ever seen tion, that we are to be the producers of corn per hand, which you will observe. ore. The increased quantity of me- that abundant amount of cotton. In instead of leaving for the third year's

to follow this system. Old ditches friends, and the cotton planters of the of oats, rye, &c., for all practical purp must be cut deeper in order to furnish country generally, year after year, pur- ses, and the land is quite as much benmaterial for the compost heaps, and new suing a most injudicious policy, in their fitted by the corn and peas as by the agricultural practice, and I commenc- small grain, hence in effect the shift i

nure, this season over 5000, and am cally improved plan of plantation econ- of the grain or crop is increased and the now convinced, by beginning my opera- omy, and the result has been, to me, en- pasturage improved. tions as soon as the present crop is laid tirely satisfactory,—as the present con- We plant corn after cotton, either by by, I can with more case put up 10,000 dition of my farm most triumphantly running off the row in the old water fur

gust. The rafts that have formed in object of agriculture is to improve the to plant all land in the old ridge, by my low grounds, together with dead condition of the soil, together with that first opening it well. We manure our trees, will be converted into ashes. This of every thing else, both animal and in- corn in the hill with our cotton seed. last article I am careful to use imme- animate, connected thereto. 2d., to As soon as we are done planting cotton, diately after the fire is out. Manure render cotton planting profitable beyond we commence work in our corn. Wa put up so long before it is used and ex- contingencies, it is necessary to adopt plow our corn but once. We first run posed to the weather, will require a such system of policy as will enable the it with a scooter plow and weed and small portion of charcoal (powdered) or planter to grow profitably every needful thin it out to a stand-then after workplaster applied to prevent the volatile supply that the soil and climate ing over our cotton first time, we return

hauling on the land. A man will load farm laid out into four equal apartments, the first of June we run twice in each and drive and carry out 75 loads a day. - one-fourth for cotton, at the rate of row with a side harrow, after having "I believe we living in the cotton re- five acres to the hand; one-fourth for first sowed peas broad-cast, a half bushel gion, should set aside an improving force, corn, at the same rate per hand; one- per acre, and the hoe hands follow and to be constantly devoted to that branch fourth for small grain, at the same rate; put up a light hill to the corn, kill the of business. Under our present system and one-fourth to lie in fallow, at the small grass and weeds and cover the there is too much work crowded in the same rate per hand. The philosophy peas immediately in the corn row, that first three months of the year; conse- and advantages of this systematic rota- the harrow could not reach, and thus we quently, it is not done (ploughing par- tion and four years shift, I shall endeav- lay by the corn. And we make, in this

not a single instance can I now remem- low. We haul on it 500 bushels of sow our small grain-oats, rye, wheat, ber of any persons having moved from manure, stock yard compost, per acre, &c .- harrowing and preparing for hay here in two years; a degree of health in carts graduated to 17, &c., bushels, -which seeds down the land, with the which was never known before; and a and deposited in heaps of 81 bushels 2 acres per hand reserved for corn, for perceptible improvement in the Morals each, at distances of 20 by 25 feet,- the third year's shift. The land that of the community. What has caused that is, drop the heaps in rows 30 feet was the third year in grain, and 2 acres from one heap to the other and put the per hand of the corn land lies during the "I see with pleasure your county is rows of heaps 25 feet apart. This done fourth year in fallow, to be sowed in les are too much disposed to attribute roused upon the subject of improvement. the land is laid off in five feet rows, and peas, or whatever we may see fit to put he improvement in farming in this You have but to go on for a year or two, the spreading of the manure commences, on it, for a fallow crop, for green swardand in order to show that kind Nature do not recede from their interest. We formly over all the surface alike, and manuring for cotton. has put in your reach the materials of are but a step or two ahead of you. In the plows follow immediately, putting The practicability of this system is improvement in abundance, I am induc- less than ten years (mark the predic- up the beds, that there may be no loss no longer a question. Its superiority ed to make some remarks. A portion tion!) your best farmers will be raising from evaporation or a sudden fall of rain. as a perfect system of plantation econof this county (Town Creek) which has, their bag of cotton to the acre; for you I need hardly tell you, that this work- my, answerable fully to every desirable believe, the best practical farmers in have some advantages over us-a city plowing, should be done by good plow, object, cannot be successfully controverthe State, and who realize the largest in the centre of your county, furnishing men and first rate plows. The manure ed. I have practised it for 10 years rofits, is almost destitute of Marl-but a large quantity of manure-your popu- should be hauled out as soon after the with entire satisfaction to myself-upon he farmer in that region having used lation greatly increased, together with first of January as convenient, that it common pine land, which 12 years ago at all, and he only during the past every evidence of wealth, prosperity and may be spread and the land bedded out was rejected at 50 cents per acre, that plant corn in the winter-but I want my word for this-but I will give you will be seen, the product nearly doubles 10th April, we reverse our first cotton grow cotton while fresh, and contain an vantage to be gained by reading"—"no The 10th of April we commence plant- have that state of things continued? tural societies are useless institutions- that smoothes it and leaves it in a per- ly improving! I grow the same land in humbugs?" Why, these very means feetly oval condition, making an impres- cotton but once in 4 years, and pursue sion for the cotton row, by a cog for the such system of rotation and shift of purpose; after which a hand follows, crops as to furnish the greatest amount the weather being seasonable, the most to every pound of Guano, add 10 galwith a spacer, in the form of a compass possible of vegetable matter-and then rtion is of this kind, I first put down begin life with. Farmers, arouse! and 24 by 38, or 36 inches from point to 590 bushels compost per acre, when the corn, where the Guano and mixture seems, I am induced to believe from a loads of Muck in a circular form of read! and think! and work! A brighter point, as the condition of your land may land is planted to cotton. And I have require, thus he spaces or fixes the hills my land graded to a perfect level, hence or peculiar to the best bottom lands, ly similar to this, that it would prove perfectly in the row—and he is followed no loss—but a gain from every shower. and soon over-topped any other portion to be highly beneficial in imparting an by another hand, with the cotton seed A moment's reflection will not only of the field. It continued to grow fine- early and vigorous growth to the young and drops 6 to 10 seed in a place, de- swer to keep up and improve our maid- ed yield until about caring time, when seed immediately before planting, and signated by the point of the spacer, and en soils in this western country—but it it suffered so seriously from drouth that whilst wet with it, they should be to 25 then simply treads on them, which is the will resuscitate those red hills, gullied I was induced to believe that the manures or 30 of seed, is about the quantity simple operation of planting in hills, as and bleaching, naked to the sun, that I do it. At the time to commence we saw in Georgia. Then look to its lost. To satisfy myself, however, beOn corn I intended using 1 ounce to work in the cotton, we begin by flat superior advantages in affording rich youd a doubt, I took two hands into the hill; depositing it near the grain weeding first, and trim out each hill to pasturage for stock. The 4 lying in the field about the last of November but not in immediate contact with it as three or four stalks, which is followed fallow may be in pasturage all the time directly by a scooter plow running as -then at harvest you have all grain close as possible, and then plowing out fields in pasturage-and in September the middles with a shovel plow, or if your corn and pea fields come in one by each row separately, and the result was might be used on this also with advanyour beds require raising, a light turn one as the needs of the stock require. plow, this, however, is rarely necessary The stock of all kinds graze on these on upland. And the balance of the pastures through the day, and return at |b) as compared with the unmanured work is done, as required from time to night laden and full to their respective time with a flat sweep, and simply weed- lots, to aid in treading up the litter and The size of heaps is made to con- ter my return from Philadelphia, and good policy to thin to a stand, one stalk posts its manure. And you are quickly ing with the hoe. I do not esteem it deposite their excrements, which comjust the number of loads intended during the rounds of my engagements in a place, too soon. This is the simple astonished under this system, that you de entirely of ditch bank and ashes, deeply impressed with the important cotton may be grown to the acre; and grain, rich milk and butter, nor any operation by which two to three bales of have nothing to buy-bacon, mules,

e is supposed to be double that of view of this state of things, to me en- shift 5 acres per hand in small grain, we year, Thorough draining is certain tirely clear, I beheld my immediate have but 3-which gives an abundance

"I raised last year 3000 loads ma- ed in 1840, laying my plans for a radi- the same, while the quantity and valu-

Court Orders and Judicial advertise- begin with, and shall reserve all the I set out with these cardinal facts in ing to the locality of the up or low land manure raised from 1st April until Au- view-first, that the true and legitimate | - and I am not so certain but it is best time breaking my compost heaps and To accomplish this, then, I have my deep and thoroughly—then, at or about and plow out the middles of our corn

desire this work done before I commence will, I doubt not, by 1860 produce me planting corn, it is not that I desire to \$100 per acre per annum! You have prepared to plant it well-which having judge ye. In the first place, the least presently.) If we have time, till the finely our lands [good cotton land,] rolled in ashes, guano, lime, or plaster, teach any man, that this system will anproportion about 10 or 12 bushels fact, which I believed I then saw, that these results, let me assure you, will be thing else-all grow spontaneously-a we, the cotton planters of the Southern far more common on any of our land now perfect independency. The manure or

> grain. Respectfully, your friend, DR. CLOUD.

P. S .- I have much more that might say profitably, but I fear you ar

La Place, Macon Co., Ala., ) Nov. 13th, 1851.

From the Cheraw Gazette.

## Guano.

FAIRY HILL, near Cheraw, S. C. 20th February, 1852. My Dear Sir: Your desire me to write out some account of an experiment with Guano made by me the past eason, with such suggestions as might be serviceable to you in conducting a imilar one upon the ensuing crop. My acquaintance with this article, as you are aware, is too limited to enable me seem reasonable and legitimate.

I used a small quantity of Guano (Peruvian) last spring for the first time. To satisfy myself of its value, I applied it alone and and in combination, to almost every production both of the field the central portion of a field situated on of the manner in which I intend applythe river ridge, of light, sandy soil, ing it. (known as isinglass or micalands) and of On cotton land I shall use from 150 nearly uniform fertility. The time of to 200 lbs. per acre; deposite it in drill application was at the first plowing as is usual with other manures, alone

A narrow shovel plow was run round the corn as closely and deeply as practicable, and in this furrow track, a level county, now in its infancy, to Marl, and there will be no stopping it. Men which should be done equally and uniin this operation were provided with a dust, and charcoal, are recommended charger of uniform capacity, and were to be suitable substances with which to directed in depositing it to scatter it 6 compost it; but the latter, however, is or 8 inches in the furrow, but to suffer perhaps to be prefered to all others, as none to fall out of it. To three rows it it is a good absorbent, deprives Guano was applied as above described, and to of its unpleasant odor, and is of itself on three contiguous ones the same quanti- some soils a good manure. Whatever ty of a mixture, composed of 3 parts in the substance may be that is to be bulk of Guano to 1 of Plaster: and thus used in combination with it, it should alternating throughout (first G. then be perfectly dry; or if wet, the composts before time to plant corn, and though I is now worth to me \$100 per acre—and the mixture) the whole plat was mashould be buried as early as possible, as nured. A turn plow followed immedi- moisture produces immediate decompoately, which covered it so deeply as not sition and thereby disengages those gasto be disturbed in after culture. On ses which constitute its chief value. For time, that when I commence I may be the why and the wherefore, and then cither side of this plat a few rows were this among other reasons, it is not left without manure, and the balance deemed judicious to compost it with stadone, (about the process I will speak observant has not failed to notice, how was cotton-seeded at the rate of 20 ble or barnyard manure. I intend bushels to the acre. The quantity of combining it with Plaster in the propor-Guano used above, when alone, was 55 tion of about 25 per cent. in bulk of the that of the first! Will any farmer still ridges—and there is a great advantage abundant supply of vegetable mould, lbs. and when in combination with Plasin this, as it serves to commingle the [or humus.] Has it not occurred to ter, 41lbs. to the acre. And as a "table- per cent in weight; with charcoal (the manure more intimately with the soil. all of us, how desirable it would be to spoonful" does not convey a very accu-quantity depending on the amount at ovement, not doubting that you carry good in book farming"—that "agriculing, by running a drill upon the ridge, have it not only continued, but annualing that the capacity of the one in minute quantity. rate idea of quantity, it may not be impro- command) and also with common salt used by me was about ½ ounce. The

whole field received the same culture. were to a great extent, if not entirely which the lint will take up. portion increased it 5 bushels per acre. This result was uniform in a number of out they will quit the field. They are comparisons. The cotton-seed gave a better yield than the Guano alone; but seed had the advantage, -in another ate, got tight and [as a matter of course] the mixture; the difference being so made a mighty fuss! He renewed his should be given. When however, the relative cost of the two applications (\$1-33 and \$2 00) are considered, it would not seem unreasonable to infer that Guano when thus combined, is at least as at 10 cents per bushel.

From the above experiment it would appear that Guano, when used alone, will not repay the planter the cost of its application when corn commands less than 55 cents per bushel; but when combined as above it may be profitableyemployed every where in the cotton States, as corn can be grown with it for trifling. All the manures used by us

a small fraction over 22 cents per bushel, a sum much below the average price of this article. It was with this last result that I was most highly pleased, as it obviates to some considerable extent the only valid objection to its use -its market value-for Plaster costing but a trifle, not only cheapens the manure but adds greatly to its efficiency.

That Guano is a powerful fertilizer is beyond a doubt; but whether it is adapted to our soil and productions, and if so, whether the high price at to prescribe with certainty the best ble employment as a means for renovarules for its application and manage- ting our lands, are questions of importends, it affords me pleasure to furnish is not pretended that the small trial you with such facts as have come under above, by any means, determines these my observation, leaving you to make important questions, for in agricultural matters especially, where there are so many circumstances to be considered, ever varying and each tending to change or modify the result by one experiment however carefully conducted, can certainly establish a single fact. All that and garden, and to different descrip- it raises a probability in its favor, suffican be claimed for it, therefore, is, that tions of soil; and each application was ciently strong to warrant further and followed by such marked effects as to more extended experiments. Accorfully meet my expectations. But in one dingly, I have procured and intend using instance only did I give that attention the present year more largely of these aror to explain briefly in the sequel. | tay by the corn. And we make, in this simple but effectual way, corn that nevporting it as a well conducted experi- you desire me to make, I will give you, ment. The piece of land selected was as far as my space will allow, some id-a

> of the corn, and the manner was as and in combination. Before using it, however, all the lumps should be carefully reduced so that the whole may be passed through a sieve, and to secure

Another way in which I intended using it on cotton, is to make a solution In a few weeks after the application, of it in about the following proportions: were used, assumed that dark green col-small trial which I made last year, nearly, and promised a very largely increas- plant. This steep should be applied to

and gathered a number of contiguous from its highly caustic nature it would rows as treated above, weighing (weight doubtless destroy it-and as deeply as being more accurate than measurement) practicable. The steep mentioned above as follows:—Guano alone at a cost of tage, not only in hastening the germi-\$1 65 per acre (55 lbs at 3 cents per nation, but in rendering it unpalatable to crows. This steep tastes no better than it smells, and as soon as they find that sensible birds; and here is the proof of it:-A farmer being greatly annoyed when compared with mixture the result by them, soaked corn in spirits, and was variant; in one instance the cotton-exposed it where they frequented: they small in each trial as to leave me in bait, but could never deceive them afdoubt to which of the two a preference terwards. A crow never gets drunk a second time.

The only danger to be apprehended of a failure in the use of Guano is from a drouth; hence the advantage of combining it with such substances as are cheap at 3 cents per pound as cotton seed good absorbents or that possess strong affinity for water; and hence, too, the propriety of depositing it deeply, and as early in the spring as practicable. One great advantage which it possesses over all other manures, is that its strength is concentrated in so small a compass as to make the labor of taking it to the farm and depositing it, comparatively